

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: Duster™ Moisture-Free Dust & Lint Remover (Blue Can)

Product Number (s): 05185, 05185-8, 05185-60

Manufactured By: CRC Industries, Inc. (215) 674-4300
885 Louis Drive, Warminster, PA 18974
24-Hour Emergency Information: CHEMTREC (800) 424-9300

Section 2: Composition/Information on Ingredients

Component	CAS NUMBER	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
Difluoroethane	75-37-6	NE	NE	1000 ppm	100

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: Clear, odorless liquefied gas with a faint ethereal odor.

Caution: Contents under pressure. Extremely flammable.

Potential Health Effects:

Inhalation: May produce anesthetic effects and feeling of euphoria. Prolonged overexposure can cause rapid breathing, headache, dizziness, narcosis, unconsciousness, and death from asphyxiation, depending on concentration and time of exposure.

Eyes: Can cause severe irritation, redness, tearing, and blurred vision.

Skin: Contact with evaporating liquid can cause frostbite.

Ingestion: Liquid ingestion may cause frostbite. Aspiration hazard.

Carcinogenicity: OSHA: No IARC: No NTP: No

Chronic Overexposure: Rapid heartbeats, depression of cardiac function.

Medical Conditions Aggravated by Exposure: Risk to your health depends on the level and duration of exposure.

Section 4: First Aid Measures

Inhalation: Remove to fresh air. Give artificial respiration if necessary. Call a physician.

Eyes: Flush with large amounts of water for 15 minutes. Consult with physician immediately if frostbite occurs.

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Skin: Get medical attention if there is evidence of tissue damage. Flush with plenty of water. Treat as frostbite.

Ingestion: Call a physician. Do not induce vomiting.

Section 5: Fire-Fighting Measures

Flashpoint: -58°F **Method:** TCC **LEL:** 3.9%(vol.) gas in air **UEL:** 16.9%(vol.) gas in air

Extinguishing Media: Dry chemical extinguisher, water

Hazardous Combustion Products: Thermail – Hydrogen fluoride, carbon monoxide and carbon dioxide

Fire-fighting Instructions: Stop release of materials if possible. Cool the vapor space of the container with water spray. Avoid accumulation of unburned materials. Remove personnel in general area. Observe maximum isolation when extinguishing fire. Expansion of liquid and change of state from liquid to Vapor will allow combustible mixture to encompass a large area.

NFPA:	Health:	1	Flammability:	4	Reactivity:	1	
HMIS:	Health:	1	Flammability:	4	Reactivity:	1	PPE: B

Section 6: Accidental Release Measures

Spill/Leak Procedures: Usually not a problem with aerosols. Area should be ventilated. Absorbent should be used to pick up excess material. All used and unused product should be disposed of in accordance with federal, state and local regulations.

Section 7: Handling and Storage

Handling Procedures: Do not puncture or open containers. Do not use near sources of ignition.

Storage Procedures: Store in a cool, dry area. Aerosol cans must be maintained below 120°F to prevent cans from exploding. Protect from sources of ignition.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Use ventilation adequate to prevent accumulation of vapors. Use mechanical means if necessary to maintain levels below the exposure limits. If working in a confined space, follow applicable OSHA regulations.

Respiratory: Respiratory protection would not be necessary under normal conditions of use. Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus if in a confined space or in conditions where vapors exceed the recommended exposure limits. Follow OSHA regulations 29 CFR 1910.134.

Protective Clothing/Equipment: Wear chemically protective gloves and safety glasses if hands or eyes may be exposed to spray. Wear impervious clothing for prolonged or repeated contact.

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Section 9: Physical & Chemical Properties

Physical State:	Liquid	Appearance & Odor:	Clear liquefied gas, ethereal odor		
Specific Gravity:	0.909	Boiling Point:	-13°F		
Freezing Point:	ND	Vapor Pressure:	62.5 PSIG @ 70°F		
Evaporation Rate:	Rapid	Vapor Density (air = 1)	2.4		
pH:	NA	Solubility:	0.28% @ 70°F		
Volatile Organic Compounds:%:	Federally exempt	g/L:	Exempt	lbs./gal:	Exempt

Section 10: Stability and Reactivity

Stability:	Stable	Hazardous Polymerization:	No
Chemical Incompatibilities:	Alkali or alkaline earth metals.		
Conditions to Avoid:	High heat, spark, and open flames.		
Hazardous Decomposition Products:	Hydrofluoric acid and carbonyl halides		

Section 11: Toxicological Information

Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

Section 12: Ecological Information

Ecotoxicity:	No data available.
Environmental Fate:	No data available for biodegradation.

Section 13: Disposal Considerations

Disposal: This material if discarded may be hazardous waste under U.S. EPA RCRA regulations. All disposal activities must comply with federal, state and local regulations. Contact your local or state environmental agency for specific rules. Do not dump into sewers, on the ground or into any body of water.

Section 14: Transportation Information

Shipping Name:	1,1-Difluoroethane, R152a				
Hazard Class:	2.1	UN Number:	1030	Packing Group:	NA
Label:	Flammable Gas	Placard:	Flammable Gas		
Special Provisions:	NA				

DOT Exemption: DOT-E 11516

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Section 15: Regulatory Information

TSCA:	All components are either listed under TSCA or are exempt.		
SARA Title III:	Section 311/312:	Acute, Pressure	
	Section 313*:	None	
CERCLA/Superfund (RQ):	NA		
Extremely Hazardous Substances:	No		
California Prop 65:	No		

* See section 2 for percentage

Section 16: Additional Information

Prepared By:	Michelle Milburn	Date:	February 12, 2004
Technical Information:	(800) 521-3168	CRC #:	00402

This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS:	Chemical Abstract Service	NA:	Not Applicable
ppm:	Parts per Million	ND:	Not Determined
TCC:	Tag Closed Cup	NE:	Not Established
LEL:	Lower Explosive Limit	g/L:	grams per Liter
UEL:	Upper Explosive Limit	lbs./gal:	pounds per gallon
PPE:	Personal Protection Equipment	RQ:	Reportable Quantity
COC:	Cleveland Closed Cup		